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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/084,578	02/27/2002	James L. DiGuseppi	9250-29	6023

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EXAMINER

LEARY, LOUISE N

ART UNIT PAPER NUMBER

1654

DATE MAILED: 01/11/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/084,578

Applicant(s)

DIGUISEPPI ET AL.

Examiner

Louise N. Leary

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 8-23-2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-28 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-28 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 27 February 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

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1. Claims 1-28 are pending in this application.
2. The Examiner acknowledges receipt of applicant's Request for Continued Prosecution and "REMARKS/ARGUMENTS" filed August 19, 2004.

The "REMARKS/ARGUMENTS" filed August 19, 2004 are being held in abeyance in favor of the official office action on the merits given below.

3. The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. See *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and, *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent is shown to be commonly owned with this application. See 37 CFR 1.130(b).

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

I. Claims 1-28 are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-28 of U.S. Patent No. 5,164,796. Although the conflicting claims are not identical, they are not patentably distinct from each other because both inventions claim a device or instrument for detecting or monitoring the growth of microorganisms in a specimen comprising (a) a container; (b) a filter or means for filtering; and a sensor means. Both inventions require culturing of the microbial specimen before detecting or monitoring microbial growth with the device or instrument claimed. The devices or instruments claimed in each invention measure changes in the presence of "CO₂" while detecting or monitoring the growth of

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microorganisms. Hence, the devices or instruments claimed in both inventions perform identical or closely analogous functions. In addition, the structural features claimed in both inventions are substantially identical or describe minor variations deemed obvious to one having ordinary skill in this art at the time this invention was made. Specifically, the instant invention claims "a) a container defining a chamber therein and having an inlet and outlet in fluid communication with said chamber; b) a filter mounted in said chamber between said inlet and said outlet; and c) a sensor..." Both invention claimed closely analogous methods that use the devices claimed. It is noted that the open-ended ---comprising--- language used to describe the structural means of the instruments claimed in U.S. Patent No. 5,164,796 encompasses a "container" and a "filter" means having the structural features described in the instant device claims and the methods of both inventions use a device comprising semi-permeable membranes or compositions. As a result, there is substantial overlap of the subject matter claimed in both inventions.

II. Claims 1-21 are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-21 of U.S. Patent No. 5,094,955. Although the conflicting claims are not identical, they are not patentably distinct from each other because both inventions claim a device or instrument for detecting or monitoring the growth of microorganisms in a specimen comprising (a) a container; (b) a filter or means for filtering; and a sensor means. Both inventions require culturing of the microbial specimen before detecting or monitoring microbial growth with the device or

instrument claimed. The devices or instruments claimed in each invention measure changes in the presence of "CO₂" while detecting or monitoring the growth of microorganisms. Hence, the devices or instruments claimed in both inventions perform identical or closely analogous functions. In addition, the structural features claimed in both inventions are substantially identical or describe minor variations deemed obvious to one having ordinary skill in this art at the time this invention was made. Specifically, the instant invention claims "a) a container defining a chamber therein and having an inlet and outlet in fluid communication with said chamber; b) a filter mounted in said chamber between said inlet and said outlet; and c) a sensor..." Both invention claimed closely analogous methods that use the devices claimed. It is noted that the open-ended ---comprising--- language used to describe the structural means of the instruments claimed in U.S. Patent No. 5,094,955 encompasses a "container" and a "filter" means having the structural features described in the instant device claims and the methods of both inventions use a device comprising semi-permeable membranes or compositions. As a result, there is substantial overlap of the subject matter claimed in both inventions.

III. Claims 22-28 are rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-9 of U.S. Patent No. 5,217,876. Although the conflicting claims are not identical, they are not patentably distinct from each other because both inventions claim a device or instrument for detecting or monitoring the growth of microorganisms in a specimen comprising (a) a container; (b) a

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filter or means for filtering; and a sensor means. Both inventions require culturing of the microbial specimen before detecting or monitoring microbial growth with the device or instrument claimed. The devices or instruments claimed in each invention measure changes in the presence of "CO₂" while detecting or monitoring the growth of microorganisms. Hence, the devices or instruments claimed in both inventions perform identical or closely analogous functions. In addition, the structural features claimed in both inventions are substantially identical or describe minor variations deemed obvious to one having ordinary skill in this art at the time this invention was made. Specifically, the instant invention claims "a) a container defining a chamber therein and having an inlet and outlet in fluid communication with said chamber; b) a filter mounted in said chamber between said inlet and said outlet; and c) a sensor..." Both invention claimed closely analogous methods that use the devices claimed. It is noted that the open-ended ---comprising--- language used to describe the structural means of the instruments claimed in U.S. Patent No. 5,217,876 encompasses a "container" and a "filter" means having the structural features described in the instant device claims and the methods of both inventions use a device comprising semi-permeable membranes or compositions. As a result, there is substantial overlap of the subject matter claimed in both inventions.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Louise N. Leary whose telephone number is (571)272-0966. The examiner can normally be reached on Monday to Friday from 10 to 6:30.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bruce Campell, can be reached on (571) 272-0974. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Louise N. Leary
Primary Examiner
Art Unit 1654
January 8, 2005